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The Association For
Manufacturing Technology

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MACHINE TOOL ORDERS UP 80.1% IN 1988

Compared to the first seven months of 1987, 1988 machine tool orders are up 80.1%, according to figures released today by NMTBA - The Association for Manufacturing Technology. Year-to-date orders totaled \$2,066.75 million, with metal cutting equipment orders reaching \$1,530.05 million, 99.4% ahead of last year, and metal forming orders standing at \$536.70 million, up 41.1%.

Total machine tool orders are down 33.1% for the month of July, falling from \$382.80 million to \$256.25 million. However, compared to July a year ago, orders are up 57.2%.

Metal cutting machine tool orders for July stood at \$187.30 million, down 21.4% from June's \$238.35 million. Metal forming orders fell to \$68.95 million, down 52.3% from June's \$144.45 million. Compared to July a year ago, metal cutting orders are up 83.4%, while metal forming orders are up 13.2%.

"A drop in new orders is not unusual in July, especially in a show year, so we are not surprised that the monthly figures are down," said James A. Gray, president of NMTBA. "On the eve of IMTS-88, our giant manufacturing technology show (September 7 - 15 in Chicago), we are increasingly optimistic. The yearly rise in new machine tool orders, combined with the market forces that we know are out there, give us reason to look forward to an especially successful event. Many manufacturers are operating near capacity and are looking to upgrade or

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modernize their facilities. Shopping overseas is no longer the bargain it once was. In fact, U.S. and foreign companies alike are purchasing American-made machine tools in increasing numbers."

Total machine tool shipments for July 1988 fell to \$188.30 million, down 12.0% from June's \$214.05 million. Compared to July a year ago, total shipments were off 4.8%, while year-to-date shipments were down 2.5%.

Metal cutting machine tool shipments rose to \$134.60 million, up 1.4% for the month, and off 1.2% compared to July 1987. Metal forming shipments stood at \$53.70 million, down 33.9% for the month and 12.7% compared to the same month last year. Compared to 1987, year-to-date metal cutting equipment shipments dropped 14.7% while shipments of metal forming equipment rose 28.7%.

The machine tool order backlog for July 1988 stood at \$1,810.30 million, up from June's \$1,742.35 million.

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COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
JUL 1988	167.80	19.50	187.30	54.15	14.80	68.95	221.95	34.30	256.25
JUN 1988	210.65	27.70	238.35	134.60	9.85	144.45	345.25	37.55	382.80
% CHANGE									
JUL 1988:JUN 1988	-20.3	-29.6	-21.4	-59.8	+50.3	-52.3	-35.7	-8.7	-33.1
JUL 1987	84.60	17.50	102.10	43.90	17.00	60.90	128.50	34.50	163.00
% CHANGE									
JUL 1988:JUL 1987	+98.3	+11.4	+83.4	+23.3	-12.9	+13.2	+72.7	-0.6	+57.2
YEAR TO DATE 1988	1,328.40	201.65	1,530.05	458.10	78.60	536.70	1,786.50	280.25	2,066.75
YEAR TO DATE 1987	679.75	87.75	767.50	308.55	71.80	380.35	988.30	159.55	1,147.85
% CHANGE									
1988 : 1987	+95.4	+129.8	+99.4	+48.5	+9.5	+41.1	+80.8	+75.7	+80.1

SHIPMENTS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
JUL 1988	126.00	8.60	134.60	44.05	9.65	53.70	170.05	18.25	188.30
JUN 1988	116.00	16.80	132.80	69.25	12.00	81.25	185.25	28.80	214.05
% CHANGE									
JUL 1988:JUN 1988	+8.6	-48.8	+1.4	-36.4	-19.6	-33.9	-8.2	-36.6	-12.0
JUL 1987	127.90	8.40	136.30	54.35	7.15	61.50	182.25	15.55	197.80
% CHANGE									
JUL 1988:JUL 1987	-1.5	+2.4	-1.2	-19.0	+35.0	-12.7	-6.7	+17.4	-4.8
YEAR TO DATE 1988	707.00	84.80	791.80	396.30	67.85	464.15	1,103.30	152.65	1,255.95
YEAR TO DATE 1987	835.30	92.75	928.05	310.60	50.05	360.65	1,145.90	142.80	1,288.70
% CHANGE									
1988 : 1987	-15.4	-8.6	-14.7	+27.6	+35.6	+28.7	-3.7	+6.9	-2.5

Source: NMTBA - The Association for Manufacturing Technology

TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS			Order Backlog	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1987	\$1,830.50	\$ 288.30	\$2,118.80	\$ 999.50	\$2,036.75	\$ 286.90	\$2,323.65
1988							
JAN	\$ 266.05	\$ 31.45	\$ 297.50	\$1,153.65	\$ 125.65	\$ 17.70	\$ 143.35
FEB	\$ 258.85	\$ 39.20	\$ 298.05	\$1,285.25	\$ 145.10	\$ 21.35	\$ 166.45
MAR	\$ 222.05	\$ 32.40	\$ 254.45	\$1,333.00	\$ 185.75	\$ 20.95	\$ 206.70
APR	\$ 193.45	\$ 59.55	\$ 253.00	\$1,428.60	\$ 133.90	\$ 23.50	\$ 157.40
MAY	\$ 278.90	\$ 45.80	\$ 324.70	\$1,573.60	\$ 157.60	\$ 22.10	\$ 179.70
JUN	\$ 345.25	\$ 37.55	\$ 382.80	\$1,742.35	\$ 185.25	\$ 28.80	\$ 214.05
JUL (P)	\$ 221.95	\$ 34.30	\$ 256.25	\$1,810.30	\$ 170.05	\$ 18.25	\$ 188.30
7 MONTHS	\$1,786.50	\$ 280.25	\$2,066.75		\$1,103.30	\$ 152.65	\$1,255.95

DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1987	\$1,949.10	\$ 303.40	\$2,252.50		\$ 118.60	\$ 15.10	\$ 133.70
1988							
JAN	\$ 268.95	\$ 32.30	\$ 301.25		\$ 2.90	\$.85	\$ 3.75
FEB	\$ 265.15	\$ 39.35	\$ 304.50		\$ 6.30	\$.15	\$ 6.45
MAR	\$ 227.55	\$ 33.10	\$ 260.65		\$ 5.50	\$.70	\$ 6.20
APR	\$ 208.15	\$ 62.00	\$ 270.15		\$ 14.70	\$ 2.45	\$ 17.15
MAY	\$ 287.20	\$ 46.10	\$ 333.30		\$ 8.30	\$.30	\$ 8.60
JUN	\$ 352.35	\$ 38.95	\$ 391.30		\$ 7.10	\$ 1.40	\$ 8.50
JUL (P)	\$ 227.45	\$ 34.75	\$ 262.20		\$ 5.50	\$.45	\$ 5.95
7 MONTHS	\$1,836.80	\$ 286.55	\$2,123.35		\$ 50.30	\$ 6.30	\$ 56.60

P - Preliminary

NOTE: This table includes industry estimate figures based on reports submitted to the NMTBA - The Association for Manufacturing Technology. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS			Order Backlog	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1987	\$1,294.45	\$ 157.00	\$1,451.45	\$ 672.20	\$1,498.85	\$ 177.65	\$1,676.50
1988							
JAN	\$ 205.75	\$ 18.20	\$ 223.95	\$ 824.95	\$ 61.60	\$ 9.60	\$ 71.20
FEB	\$ 217.95	\$ 32.45	\$ 250.40	\$ 966.45	\$ 97.00	\$ 11.90	\$ 108.90
MAR	\$ 174.15	\$ 17.75	\$ 191.90	\$1,020.60	\$ 123.95	\$ 13.80	\$ 137.75
APR	\$ 146.45	\$ 48.85	\$ 195.30	\$1,120.60	\$ 82.20	\$ 13.10	\$ 95.30
MAY	\$ 205.65	\$ 37.20	\$ 242.85	\$1,252.20	\$ 100.25	\$ 11.00	\$ 111.25
JUN	\$ 210.65	\$ 27.70	\$ 238.35	\$1,357.75	\$ 116.00	\$ 16.80	\$ 132.80
JUL (P)	\$ 167.80	\$ 19.50	\$ 187.30	\$1,410.45	\$ 126.00	\$ 8.60	\$ 134.60
7 MONTHS	\$1,328.40	\$ 201.65	\$1,530.05		\$ 707.00	\$ 84.80	\$ 791.80

DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1987	\$1,365.85	\$ 167.35	\$1,533.20		\$ 71.40	\$ 10.35	\$ 81.75
1988							
JAN	\$ 207.35	\$ 18.80	\$ 226.15		\$ 1.60	\$.60	\$ 2.20
FEB	\$ 221.05	\$ 32.55	\$ 253.60		\$ 3.10	\$.10	\$ 3.20
MAR	\$ 178.10	\$ 17.95	\$ 196.05		\$ 3.95	\$.20	\$ 4.15
APR	\$ 150.30	\$ 50.50	\$ 200.80		\$ 3.85	\$ 1.65	\$ 5.50
MAY	\$ 210.40	\$ 37.45	\$ 247.85		\$ 4.75	\$.25	\$ 5.00
JUN	\$ 216.85	\$ 29.00	\$ 245.85		\$ 6.20	\$ 1.30	\$ 7.50
JUL (P)	\$ 171.90	\$ 19.70	\$ 191.60		\$ 4.10	\$.20	\$ 4.30
7 MONTHS	\$1,355.95	\$ 205.95	\$1,561.90		\$ 27.55	\$ 4.30	\$ 31.85

P - Preliminary

NOTE: This table includes industry estimate figures based on reports submitted to the NMTBA - The Association for Manufacturing Technology. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS			Order Backlog	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1987	\$ 536.05	\$ 131.30	\$ 667.35	\$ 327.30	\$ 537.90	\$ 109.25	\$ 647.15
1988							
JAN	\$ 60.30	\$ 13.25	\$ 73.55	\$ 328.70	\$ 64.05	\$ 8.10	\$ 72.15
FEB	\$ 40.90	\$ 6.75	\$ 47.65	\$ 318.80	\$ 48.10	\$ 9.45	\$ 57.55
MAR	\$ 47.90	\$ 14.65	\$ 62.55	\$ 312.40	\$ 61.80	\$ 7.15	\$ 68.95
APR	\$ 47.00	\$ 10.70	\$ 57.70	\$ 308.00	\$ 51.70	\$ 10.40	\$ 62.10
MAY	\$ 73.25	\$ 8.60	\$ 81.85	\$ 321.40	\$ 57.35	\$ 11.10	\$ 68.45
JUN	\$ 134.60	\$ 9.85	\$ 144.45	\$ 384.60	\$ 69.25	\$ 12.00	\$ 81.25
JUL (P)	\$ 54.15	\$ 14.80	\$ 68.95	\$ 399.85	\$ 44.05	\$ 9.65	\$ 53.70
7 MONTHS	\$ 458.10	\$ 78.60	\$ 536.70		\$ 396.30	\$ 67.85	\$ 464.15

DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1987	\$ 583.25	\$ 136.05	\$ 719.30		\$ 47.20	\$ 4.75	\$ 51.95
1988							
JAN	\$ 61.60	\$ 13.50	\$ 75.10		\$ 1.30	\$.25	\$ 1.55
FEB	\$ 44.10	\$ 6.80	\$ 50.90		\$ 3.20	\$.05	\$ 3.25
MAR	\$ 49.45	\$ 15.15	\$ 64.60		\$ 1.55	\$.50	\$ 2.05
APR	\$ 57.85	\$ 11.50	\$ 69.35		\$ 10.85	\$.80	\$ 11.65
MAY	\$ 76.80	\$ 8.65	\$ 85.45		\$ 3.55	\$.05	\$ 3.60
JUN	\$ 135.50	\$ 9.95	\$ 145.45		\$.90	\$.10	\$ 1.00
JUL (P)	\$ 55.55	\$ 15.05	\$ 70.60		\$ 1.40	\$.25	\$ 1.65
7 MONTHS	\$ 480.85	\$ 80.60	\$ 561.45		\$ 22.75	\$ 2.00	\$ 24.75

P - Preliminary

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